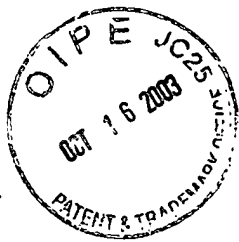


100.2490  
Taylor-Smith 14



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Taylor-Smith

Serial No.: 10/606,690

Filed: June 26, 2003

For: BRIDGED POLYSESQUIOXANE HOST  
MATRICES CONTAINING  
LANTHANIDES CHELATED BY  
ORGANIC GUEST LIGANDS, AND  
METHODS OF MAKING SUCH  
MATRICES

Group: 2874

Examiner: Not Yet Assigned

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date set forth below:

Signed: 

Name: Karen S. Flynn

Date: October 14, 2003

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Durham, North Carolina  
October 14, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER § 197(a)

Sir:

This Supplemental Information Disclosure Statement is being filed before a first Official Action has been mailed in this case.

Pursuant to 37 C.F.R. 1.56, 1.97 and 1.98, applicant's attorney wishes to bring to the attention of the Patent and Trademark Office the following items listed on the accompanying Form PTO/SB/08B.

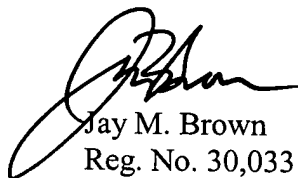
## ITEMS

### Other Publications

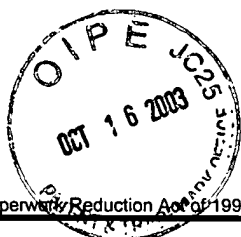
1. DESURVIRE, The Golden Age of Optical Fiber Amplifiers, Physics Today, January 1994, Page(s) 20-27, Volume 47
2. DIGIOVANNI, Materials Aspects of Optical Amplifiers, Mat. Res. Soc. Symp. Proc., 1992, Page(s) 135-142, Volume 244, Publisher: Materials Research Society
3. HANNA, Fibre Lasers, Solid State Lasers: New Developments and Applications, 1993, Page(s) 231-245, Edited by Inguscio et al., Publisher: Plenum Press, Published in: New York
4. LEE ET AL., Ion Clustering and Crystallization of Sol-Gel-Derived Erbium Silicate Glass, J. Mater. Sci. Lett., 1994, Page(s) 615-617, Volume 13
5. LOY ET AL., Bridged Polysilsesquioxanes: Highly Porous Hybrid Organic-Inorganic Materials, Chem. Rev., 1995, Page(s) 1431-1442, Volume 95
6. SANCHEZ ET AL., Design of Hybrid Organic-Inorganic Materials Synthesized via Sol-Gel Chemistry, New J. Chem., October 1994, Page(s) 1007-1047, Volume 18
7. STONE ET AL., In Situ Dehydroxylation in  $\text{Eu}^{3+}$ -Doped Sol-Gel Silica, Chem. Mater., 1997, Page(s) 2592-2598, Volume 9

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made nor shall it be construed as an admission that the information cited is considered to be material to patentability, nor shall it be construed that no other material information exists.

Respectfully submitted,



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PTO/SB/08B (06-03)  
Approved for use through 06/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/606,690
				Filing Date	06/26/2003
				First Named Inventor	Taylor-Smith
				Art Unit	2874
Sheet	1	of	1	Examiner Name	
				Attorney Docket Number	100.2490

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	DESURVIRE, The Golden Age of Optical Fiber Amplifiers, Physics Today, January 1994, Page(s) 20-27, Volume 47	
	2.	DIGIOVANNI, Materials Aspects of Optical Amplifiers, Mat. Res. Soc. Symp. Proc., 1992, Page(s) 135-142, Volume 244, Publisher: Materials Research Society	
	3.	HANNA, Fibre Lasers, Solid State Lasers: New Developments and Applications, 1993, Page(s) 231-245, Edited by Inguscio et al., Publisher: Plenum Press, Published in: New York	
	4.	LEE ET AL., Ion Clustering and Crystallization of Sol-Gel-Derived Erbium Silicate Glass, J. Mater. Sci. Lett., 1994, Page(s) 615-617, Volume 13	
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	7.	STONE ET AL., In Situ Dehydroxylation in Eu <sup>3+</sup> -Doped Sol-Gel Silica, Chem. Mater., 1997, Page(s) 2592-2598, Volume 9	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
\*Applicant's unique citation designation number (optional). \*Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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